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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20531
www.uspto.gov

Application Number	Filing Date	First Named Applicant	Att. Docket No.
10/064,164	06/17/2002	Balakrishnan, Karithik	08CN7273-4

23413

CANTOR COLBURN, LLP
55 GRIFFIN ROAD SOUTH
BLOOMFIELD CT 06002

5P1-0079
RECEIVED
OCT 04 2002

CANTOR COLBURN LLP

Title: Process for detecting the location of a phase interface

Date Mailed: 10/01/2002

Request for Substitute Papers

The papers filed on 09/03/02 (certificate of mailing dated 08/26/02) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated **703-746-4060(OIPE)**.

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. A copy of this notice should be included with the reply.

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: PAMELA CURBELO Registration No.: 34,676Signature: [Signature] Date: 10.8.02

DOCKETED	
Due:	<u>October 15</u>
Item:	<u>2-week response</u>
Initials:	<u>LM</u> On: <u>10/7/02</u>

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**Docket No.
08CN7273-4In Re Application Of **BALAKRISHNAN, ET AL.**Serial No.
10/064,164Filing Date
JUNE 17, 2002

Examiner

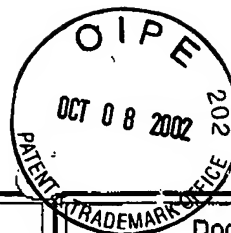
Group Art. Unit
1743Invention: **PROCESS FOR DETECTING THE LOCATION OF A PHASE INTERFACE****TO THE ASSISTANT COMMISSIONER FOR PATENTS:****Box Missing Parts**

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTC-1533) mailed on
June 27, 2002
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☒ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ Other (list):

Application Data Sheet


**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket N
08CN7273-4

In Re Application Of: **BALAKRISHNAN, ET AL.**

Serial No.
10/064,164

Filing Date
JUNE 17, 2002

Examiner

Group Art Unit
1743

Invention: **PROCESS FOR DETECTING THE LOCATION OF A PHASE INTERFACE**
TO THE ASSISTANT COMMISSIONER FOR PATENTS:
Box Missing Parts
☒ Completion of application fees as calculated below:

☐ Utility application filing fee _____

☐ Design application filing fee _____

☐ Total number of independent claims = _____

☐ Total number of claims = _____

☐ Multiple dependent claims _____

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**
☐ Petition and fee for filing by other than all the inventors or a person not the inventor _____

☐ Fee for processing an application filed with a non-English language specification _____

☐ Fee for processing and retention of application _____

Total completion of application fees **\$130.00**

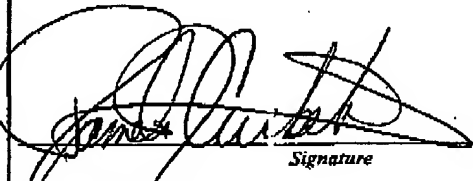



This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: _____ until: _____
Date Date

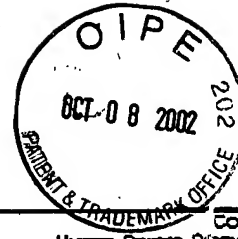
Total time extension fees _____

Total fees due **\$130.00**

Response To Notice T File Missing Parts Of Application Filing Date Granted (PTO-1533) (Large Entity)			Docket No. 08CN7273-4			
In Re Application Of: BALAKRISHNAN, ET AL.						
Serial No. 10/064,164	Filing Date JUNE 17, 2002	Examiner	Group Art Unit 1743			
Invention: PROCESS FOR DETECTING THE LOCATION OF A PHASE INTERFACE						
<u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u> <u>Box Missing Parts</u>						
<p>The fee of \$130.00 is to be paid as follows:</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 07-0862 A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 07-0862 A duplicate copy of this sheet is enclosed.</p>						
 Signature		Dated: August 26, 2002				
Pamela J. Curbelo Registration No. 34,675 Customer No. 23413 (860) 286-2929		<table border="1"><tr><td>I certify that this document and fee is being deposited on August 26, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</td></tr><tr><td> Signature of Person Mailing Correspondence</td></tr><tr><td>Sonia Mancini Typed or Printed Name of Person Mailing Correspondence</td></tr></table>		I certify that this document and fee is being deposited on August 26, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.	 Signature of Person Mailing Correspondence	Sonia Mancini Typed or Printed Name of Person Mailing Correspondence
I certify that this document and fee is being deposited on August 26, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.						
 Signature of Person Mailing Correspondence						
Sonia Mancini Typed or Printed Name of Person Mailing Correspondence						
cc:						



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/064,164	06/17/2002	Karthik Balakrishnan	08CL7273-4

23413
CANTOR COLBURN, LLP
55 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002

CONFIRMATION NO. 6865

FORMALITIES LETTER



00000000836606 9

Date Mailed: 06/27/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center



THE STAMP OF THE PATENT OFFICE, PLACED HEREON, ACKNOWLEDGES RECEIPT OF:

Attorney Docket: 08CN7273-4 (GP1-0079)

Date Mailed: AUGUST 26, 2002

Applicant: BALAKRISHNAN, ET AL.

Serial Number: 107064,164

Date Filed: JUNE 17, 2002

For:

PROCESS FOR DETECTING THE LOCATION OF

A PHASE INTERFACE

Response to Notice to File Missing Parts of Application (3 pages); Copy
of Notice to File Missing Parts (2 pages); Application Data Sheet (3
pages); Declaration/Power of Attorney (7)(21 pages); Copy of the
Application as filed (25 pages); Certificate of Mailing; Postcard Receipt

First Class Mailed to USPTO on: AUGUST 26, 2002

Received in the USPTO on: